

Takeshima, K.
Hedgehog and patched gene expression in adult ocular tissues
JOURNAL
FBS Lett. 410 (2-3), 485-488 (1997)
MEDLINE
97379366
REFERENCE
97379366

AUTHORS
Takeshima, K., Takabatake, T., Takeshima, K. and Hui, C.
TITLE
Patched, a second mouse Patched gene is co-expressed with Sonic
hedgehog

JOURNAL
MEDIINE
98122566
On Feb 6, 1998 this sequence version replaced gi:2598660.

COMMENT
AB000847. Submitted (04-Feb-1997).

FEATURES
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Percent Similarity: 97.023 Percent Identity: 91.331

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; Patent No. 6348575
; GENERAL INFORMATION:
; APPLICANT: de Sauvage, Frederic
; APPLICANT: Carpenter, David A.
; TITLE OF INVENTION: Patched-2
; FILE REFERENCE: P1405R1
; CURRENT APPLICATION NUMBER: US/09/293,505
; CURRENT FILING DATE: 1999-04-15
; EARLIER APPLICATION NUMBER: US 60/081,884
; EARLIER FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 32
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ALIGNMENTS

RESULT 1
US-09-293-505-2
Sequence 2, Application US/09293505
Patent No. 6348575
GENERAL INFORMATION:
APPLICANT: de Sauvage, Frederic
APPLICANT: Carpenter, David A.
TITLE OF INVENTION: Patched-2
FILE REFERENCE: P1405R1
CURRENT APPLICATION NUMBER: US/09/293,505
CURRENT FILING DATE: 1999-04-15
EARLIER APPLICATION NUMBER: US 60/081,884
EARLIER FILING DATE: 1998-04-15
NUMBER OF SEQ ID NOS: 32
SEQ ID NO 2
LENGTH: 1203
TYPE: PRT
ORGANISM: Homo sapiens
US-09-293-505-2

Query Match 99.3%; Score 5911; DB 4; Length 1203;
Best Local Similarity 99.7%; Pred. No. 0;
Matches 1139; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY	1	MTRSPPLRELPSYTPPARTAPOLLASISKAPLRLATFOGLSLGCGIORHCGKYLE	60
DB	1	MTRSPPLRELPSYTPPARTAPOLLASISKAPLRLATFOGLSLGCGIORHCGKYLE	60
QY	61	LGILAFGALALGLRMAIIEFNLEQWVEGSRVSOELHYTKKELGEAAVTSOMLIQTAR	120
DB	61	LGILAFGALALGLRMAIIEFNLEQWVEGSRVSOELHYTKKELGEAAVTSOMLIQTAR	120
QY	121	QEGENTLTPBALGLHQAALITASKVOVSLYGKSWDLNKICYKSGVPLIENGMIEMIERKL	180
DB	121	QEGENTLTPBALGLHQAALITASKVOVSLYGKSWDLNKICYKSGVPLIENGMIEMIERKL	180
QY	181	FPQVILTPDLDFWEGAKLOGGSAYLPGRPDIQWTLMDPEOLLEELGPASLEGFRELIDK	240
DB	181	FPQVILTPDLDFWEGAKLOGGSAYLPGRPDIQWTLMDPEOLLEELGPASLEGFRELIDK	240
QY	241	AOVGQAYVGRPCILHPDDLCPSPAPNHHSROAPNVAHELSCGCGHFSKEMHMOEILLG	300
DB	241	AOVGQAYVGRPCILHPDDLCPSPAPNHHSROAPNVAHELSCGCGHFSKEMHMOEILLG	300
QY	301	GKARDPOGELRAEALOSTFILMSPROLYEHFRGDYQTHDIGMSEEQASTVLAQAMORREV	360
DB	301	GKARDPOGELRAEALOSTFILMSPROLYEHFRGDYQTHDIGMSEEQASTVLAQAMORREV	360
QY	361	QLAQALPENASQOIHAFSSTTDDILHAFSEVSARVGGYLLMLAYACTVLMRWDAQ	420

|||||
Db 361 QLAQALPENASQOIHAFSSTTDDILHAFSEVSAARVGGYLLMLAYACVTLRMDCAQ 420
Qy 421 SGGVGLAGVLLVALAVASGLGICALLGTFNNATTQVLPFLALGIGVDFLLAHAFTE 480
|||||
Db 421 SGGVGLAGVLLVALAVASGLGICALLGTFNNATTQVLPFLALGIGVDFLLAHAFTE 480
Qy 481 ALRGTPLQERNGECLORTGSTSVLTSTNNMAAFMLALVPILRALFASLCAIIVGCTEV 540
|||||
Db 481 ALRGTPLQERNGECLORTGSTSVLTSTNNMAAFMLALVPILRALFASLCAIIVGCTEV 540
Qy 541 AVMLVFPAIISLDLRHRCQRLDVLCCFSSPCSAQVIOIILPQELGDTVPVGAHLATAV 600
|||||
Db 541 AVMLVFPAIISLDLRHRCQRLDVLCCFSSPCSAQVIOIILPQELGDTVPVGAHLATAV 600
Qy 601 QAFTHCEASSQHVYTIIPQAHLYPPPSDPLGSELSFSPGSGTRDLGQEHETROKAKCS 660
|||||
Db 601 QAFTHCEASSQHVYTIIPQAHLYPPPSDPLGSELSFSPGSGTRDLGQEHETROKAKCS 660
Qy 661 LFCARWNLAFHARVQAFAPLLLOSHAKAIVLVFGALLGLSLYGATLVQDGLALTVDVVRG 720
|||||
Db 661 LFCARWNLAFHARVQAFAPLLLOSHAKAIVLVFGALLGLSLYGATLVQDGLALTVDVVRG 720
Qy 721 TKEHAFLSAQLRYESLYEVALVTGGCFDYAHQSQRALPDLHQRFSGLKAVLPAPATQAPRT 780
|||||
Db 721 TKEHAFLSAQLRYESLYEVALVTGGCFDYAHQSQRALPDLHQRFSGLKAVLPAPATQAPRT 780
Qy 781 WLYHYRNMLQGIQAAFPDDDMASGRITRHSYRNGSESGALAYKLLIQTDGAQELDFSQLT 840
|||||
Db 781 WLYHYRNMLQGIQAAFPDDDMASGRITRHSYRNGSESGALAYKLLIQTDGAQELDFSQLT 840
Qy 841 TRKLYDREGLIPPELFYMGITVWVSSDPLGLAASQANFYPPPEMLHDKYDTGTGENLRIP 900
|||||
Db 841 TRKLYDREGLIPPELFYMGITVWVSSDPLGLAASQANFYPPPEMLHDKYDTGTGENLRIP 900
Qy 901 PAOPLEFAQFPFLILGLOKTADFEVAIEGARAACAAGAGVHAYPSGSPFLFMEQYIGL 960
|||||
Db 901 PAOPLEFAQFPFLILGLOKTADFEVAIEGARAACAAGAGVHAYPSGSPFLFMEQYIGL 960
Qy 961 RRCFLAVCILVCFPLVCALLLNFWTAGLIVLVAMTVELFGIMGFLGKLSAIPV 1020
|||||
Db 961 RRCFLAVCILVCFPLVCALLLNFWTAGLIVLVAMTVELFGIMGFLGKLSAIPV 1020
Qy 1021 ILVASGIGVEFVHVALGFLTTQGSRLRAHALEHTFAPYTDGALSTLLGLMLAGSH 1080
|||||
Db 1021 ILVASGIGVEFVHVALGFLTTQGSRLRAHALEHTFAPYTDGALSTLLGLMLAGSH 1080
Qy 1081 FDEIVRYFFALVTLTLGLHGLVLLPVLLSTLGGPPEVIOMYKESPEILSPAPQGGG 1140
|||||
Db 1081 FDEIVRYFFALVTLTLGLHGLVLLPVLLSTLGGPPEVIOMYKESPEILSPAPQGGG 1140
Qy 1141 LR 1142
||
Db 1141 LR 1142

RESULT 2

US-09-207-857-2
; Sequence 2, Application US/09207857
; Patent No. 6309879

GENERAL INFORMATION:

APPLICANT: Buncroft, David A.
TITLE OF INVENTION: HUMAN PATCHED GENES AND PROTEINS, AND USES RELATED
FILE REFERENCE: ONV-05001
CURRENT APPLICATION NUMBER: US/09/207,857
CURRENT FILING DATE: 1998-12-08
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 1203
TYPE: PRF
SPECIES: human